

Anti-Human DRS1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03599

3th Edition

Description: This gene encodes a member of the hydratase/isomerase superfamily. The protein encoded is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described. ECI2 (Enoyl-CoA Delta Isomerase 2) is a Protein Coding gene. Diseases associated with ECI2 include Moyamoya Disease. Among its related pathways are Peroxisome and Fatty acid metabolism. GO annotations related to this gene include receptor binding and dodecenoyl-CoA delta-isomerase activity. An important paralog of this gene is CDYL2.

Antigen: Synthesized peptide derived from the Internal region of human DRS-1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Abundant in heart, skeletal muscle and liver. Expressed in CD34(+) T-cells and CD34(+) bone marrow cells.